

DOCKET NO.: MSFT-0975/191722.1

PATENT

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re patent application of:****Chang et al.****Serial No.: 09/099,742****Group Art Unit: 2663****Filed: June 18, 1998****Examiner: I. Mehra****For: SYSTEM AND METHOD USING A PACKETIZED ENCODED BITSTREAM FOR  
PARALLEL COMPRESSION AND DECOMPRESSION**

BOX DSD  
Commissioner of Patents & Trademarks  
Washington, DC 20231

Sir:

**POWER OF ATTORNEY WITH REVOCATION  
AND STATEMENT UNDER 37 CFR 3.73(b)**

Revoking any and all powers of attorney heretofore given in the matter of the above-entitled application, the undersigned, assignees of the entire interest in the above-identified application, hereby appoints STEVEN J. ROCCI, Registration No. 30,489, of the firm of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania, 19103, as attorney(s) for applicant, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and

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Trademark Office connected therewith. The authority granted herein shall remain in effect unless otherwise revoked in writing by the undersigned or otherwise terminated.

In addition, the assignee also appoints the following attorneys listed below of  
**MICROSOFT CORPORATION, One Microsoft Way, Redmond, Washington 98052** with  
full power of substitution and revocation, to prosecute this application, to make alterations and  
amendments therein, to receive the patent, and to transact all business in the Patent and  
Trademark Office connected therewith.

Katie E. Sako Registration No. 32,628

**Daniel D. Crouse**      **Registration No. 32,022**

Send all future correspondence and address all telephone calls to:

**STEVEN J. ROCCI  
WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
(215) 568-3100**

**STATEMENT UNDER 37 C.F.R. §3.73(b)**

**MICROSOFT CORPORATION**, a corporation of the State of Washington,  
certifies that it is the assignee of the entire right, title, and interest in the patent application/patent  
identified above by virtue of:

- An assignment from the inventor(s) of the patent application/patent identified above.

1. The assignment was recorded in the Patent and Trademark Office at Reel

### Frame \_\_\_\_\_

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2. The assignment has not yet been recorded. A copy of the assignment is attached.

A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

- i. From: Luke Y. Chang, Michael L. Fuccio, John C. Liu, and Gordon Max Elder To: Silicon Graphics, Inc. The document was recorded in the U.S. Patent and Trademark Office at Reel 9263, Frame 0783. A copy thereof is attached.
- ii. From: Silicon Graphics, Incorporated To: Microsoft Corporation. A copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignees identified above. The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee, **MICROSOFT CORPORATION**.

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I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



Name: DANIEL D. CROUSE  
Title: Assistant Secretary  
Corporation: MICROSOFT CORPORATION

Date: 12/27/01

**ASSIGNMENT**

**WHEREAS**, We, the undersigned inventors of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

**WHEREAS**, SILICON GRAPHICS, INC. (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of 2011 N. Shoreline Blvd., Mountain View, California 94043, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: SYSTEM AND METHOD USING A PACKETIZED ENCODED BITSTREAM FOR PARALLEL COMPRESSION AND DECOMPRESSION

Signature of First Inventor:

Luke Y. Chang

Inventor's Name:

Luke Y. Chang

Residence (City, County, State)

Mountain View, Santa Clara County, California

Date:

6/12/98

Date Application Executed:

6/12/98

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Signature of Second Inventor:

Michael L. Fuccio

Inventor's Name:

Michael L. Fuccio

Residence (City, County, State)

Sunnyvale, Santa Clara County, California

Date:

6/12/98

Date Application Executed:

6/12/98

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Signature of Third Inventor:

John C. Liu

Inventor's Name:

John C. Liu

Residence (City, County, State)

Cupertino, Santa Clara County, California

Date:

6/15/98

Date Application Executed:

6/15/98

Signature of Fourth Inventor:  
Inventor's Name:  
Residence (City, County, State)

Gordon Max Elder

Gordon Max Elder  
Los Altos, Santa Clara  
County, California

Date:

6/15/98

Date Application Executed:

6/15/98